

|   |                                      |                          |
|---|--------------------------------------|--------------------------|
| FORM PTO-1449<br>U.S. Department of Commerce<br>Patent & Trademark Office | Attorney Docket No.<br>381NP/50923   | Serial No.<br>10/084,067 |
|   | Applicant: Shizuka YAMAGUCHI, et al. |                          |
|   | Filing Date<br>February 28, 2002     | Group<br>3747            |

**INFORMATION DISCLOSURE STATEMENT**  
(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Sub-Class | Filing Date (if appropriate) |
|------------------|-----------------|------|------|-------|-----------|------------------------------|
|                  | AA              |      |      |       |           |                              |
|                  | AB              |      |      |       |           |                              |
|                  | AC              |      |      |       |           |                              |
|                  | AD              |      |      |       |           |                              |
|                  | AE              |      |      |       |           |                              |
|                  | AF              |      |      |       |           |                              |
|                  | AG              |      |      |       |           |                              |
|                  | AH              |      |      |       |           |                              |
|                  | AI              |      |      |       |           |                              |
|                  | AJ              |      |      |       |           |                              |

## FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date      | Name    | Class   | Sub-Class | TRANSLATION |    |
|------------------|-----------------|-----------|---------|---------|-----------|-------------|----|
|                  |                 |           |         |         |           | Yes         | No |
|                  | AK              | 7-216548  | 08/1995 | Japan   |           |             |    |
|                  | AL              | 9-236080  | 09/1997 | Japan   |           |             |    |
|                  | AM              | 0787621 ✓ | 11/1998 | Europe  |           |             |    |
|                  | AN              | 10039169  | 03/2001 | Germany |           |             |    |
|                  | AO              |           |         |         |           |             |    |
|                  | AP              |           |         |         |           |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

|    |                          |  |  |  |  |
|----|--------------------------|--|--|--|--|
| AQ | <del>Search Report</del> |  |  |  |  |
| AR |                          |  |  |  |  |
| AS |                          |  |  |  |  |

EXAMINER Thomas N. McElis

DATE CONSIDERED 6/10/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

RECEIVED  
MAR 13 2003  
TECHNOLOGY CENTER R3700

| U.S. PATENT DOCUMENTS |    |                 |      |      |       |           |                              |
|-----------------------|----|-----------------|------|------|-------|-----------|------------------------------|
| Examiner Initial      |    | Document Number | Date | Name | Class | Sub-Class | Filing Date (if appropriate) |
|                       | AA |                 |      |      |       |           |                              |
|                       | AB |                 |      |      |       |           |                              |
|                       | AC |                 |      |      |       |           |                              |
|                       | AD |                 |      |      |       |           |                              |
|                       | AE |                 |      |      |       |           |                              |
|                       | AF |                 |      |      |       |           |                              |
|                       | AG |                 |      |      |       |           |                              |
|                       | AH |                 |      |      |       |           |                              |
|                       | AI |                 |      |      |       |           |                              |
|                       | AJ |                 |      |      |       |           |                              |

| FOREIGN PATENT DOCUMENTS |    |                 |         |       |       |           |             |    |
|--------------------------|----|-----------------|---------|-------|-------|-----------|-------------|----|
| Examiner Initial         |    | Document Number | Date    | Name  | Class | Sub-Class | TRANSLATION |    |
|                          |    |                 |         |       |       |           | Yes         | No |
|                          | AK | 10-318091       | 12/1998 | Japan |       |           | Abstract    |    |
|                          | AL | 09-236080       | 09/1997 | Japan |       |           | Abstract    |    |
|                          | AM | 07-216548       | 08/1995 | Japan |       |           | Abstract    |    |
|                          | AN |                 |         |       |       |           |             |    |
|                          | AO |                 |         |       |       |           |             |    |
|                          | AP |                 |         |       |       |           |             |    |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) |    |  |  |  |  |  |  |
|--|----|--|--|--|--|--|--|
|  | AQ |  |  |  |  |  |  |
|  | AR |  |  |  |  |  |  |
|  | AS |  |  |  |  |  |  |

|          |                                      |                 |         |
|----------|--------------------------------------|-----------------|---------|
| EXAMINER | Thomas N. Moulis<br>Primary Examiner | DATE CONSIDERED | 7/27/05 |
|----------|--------------------------------------|-----------------|---------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.